

What is claimed is:

1. A reciprocating compressor comprising:
  - a case having a gas suction pipe and a gas discharge pipe;
  - a frame unit positioned in the case; and
  - a compression unit comprising a cylinder positioned at the frame unit and having a plurality of slots formed in a longitudinal direction on an outer circumferential surface, a piston coupled with a reciprocating motor so as to linearly and reciprocally move into the cylinder and having a plurality of through holes formed at an outer side, said through holes communicating with the slots, and a compression unit having a gas muffler member positioned at an outer circumferential surface of the cylinder.
2. The compressor of claim 1, wherein the through holes are configured to remain within a range of the slots while the piston linearly and reciprocally moves.
3. The compressor of claim 1, wherein the direction of gas flowing through the slots and the through holes is transverse to the direction of the piston movement.
4. The compressor of claim 1, wherein an echo space is formed inside the gas muffler member.
5. The compressor of claim 1, wherein the gas introduced into the

echo space of the gas suction member through the gas suction pipe is introduced into the suction passage of the piston after passing through the slots and the through holes.

6. The compressor of claim 1, wherein a plurality of spring receiving grooves are formed at an outer side of the gas muffler member.

7. The compressor of claim 1, wherein the gas muffler member includes an inner housing and an outer housing coupled to the inner housing.

8. The compressor of claim 1, wherein the gas muffler member communicates with the slots at one side thereof.

9. The compressor of claim 8, wherein the gas muffler member communicates with the gas suction pipe.

10. A reciprocating compressor comprising:  
a case having a gas suction pipe and a gas discharge pipe;  
a frame unit positioned in the case; and  
a compression unit comprising a cylinder positioned at the frame unit and having a plurality of slots formed in a longitudinal direction on an outer circumferential surface, and a piston coupled with a reciprocating motor so as to linearly and reciprocally move into the cylinder and having a plurality of through holes formed at an outer side, the through holes communicating with the slots.